FIGURE 1

FIGURE 2

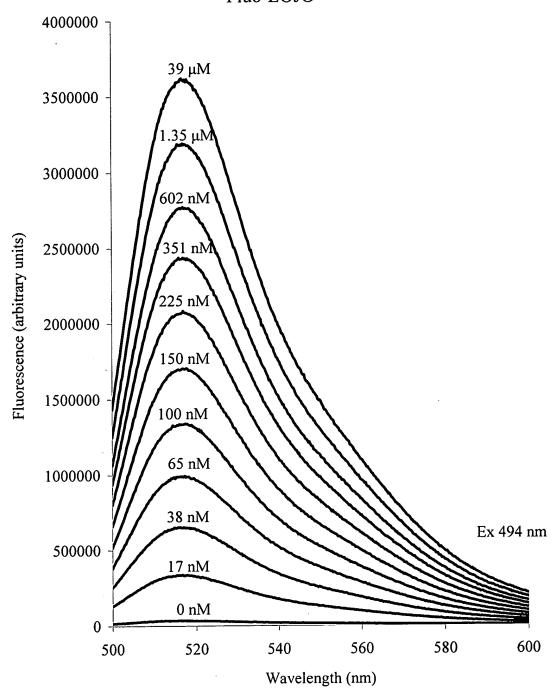
FIGURE 3

$$NO_2$$
 NO_2
 NR_2
 NR_2

 $\frac{FLUO-KOJO}{FLUO-LOJO} X = CI$

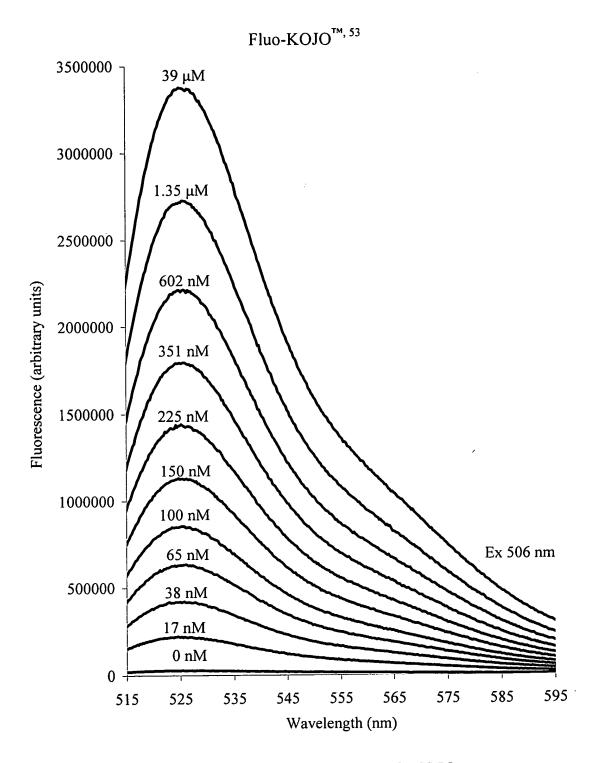
Figure 4





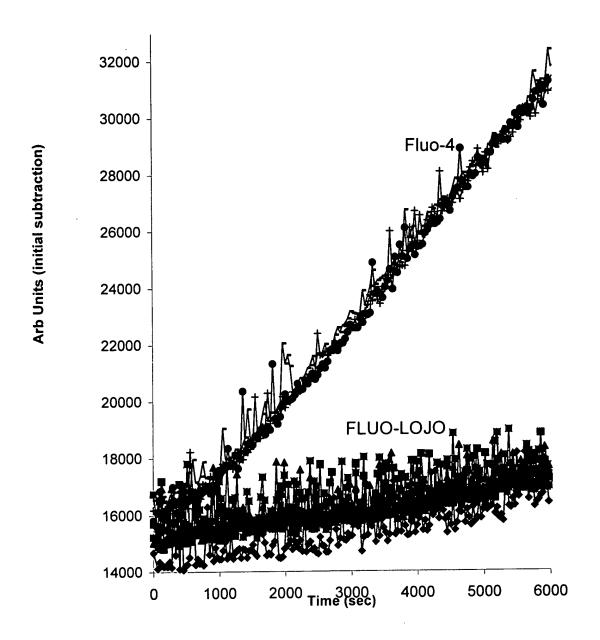
CALCIUM TITRATION OF FLUO-LOJO

Figure 5



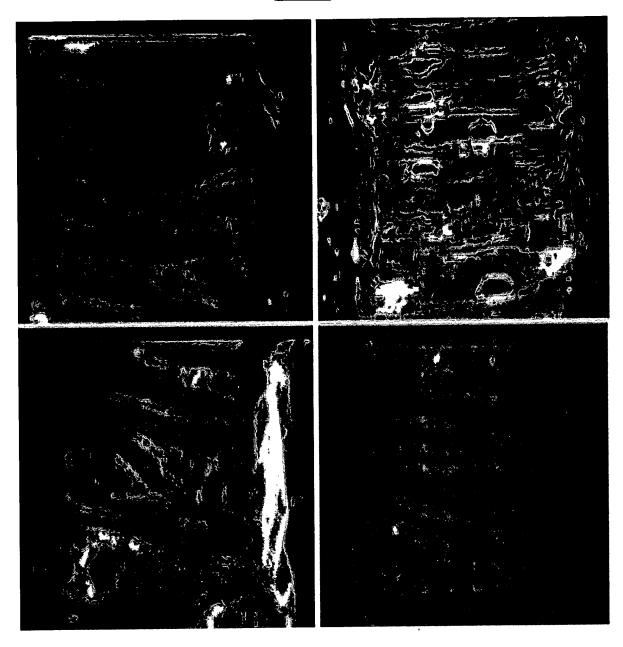
CALCIUM TITRATION OF FLUO-KOJO

Figure 6



COMPARISON OF LEAKAGE RATES OF FLUO-4 WITH FLUO-LOJO

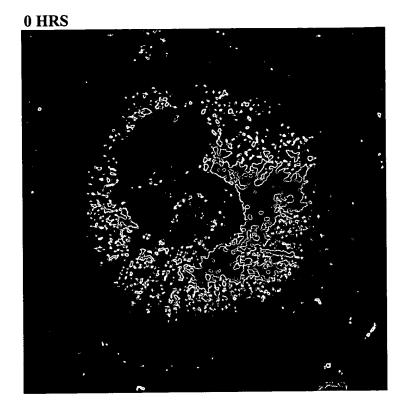
Figure 7



LOCALIZATION OF FLUO-MOMO NEAR THE MEMBRANE AND ITS RESPONSE TO CALCIUM

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Figure 8





LOCALIZATION OF FLUO-LR IN THE MITOCHONDRIA

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